

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A method, executed in a computer server system of an electronic market, for managing quotes for a security, the method comprising:  
receiving by the server computer system from client systems used by market participants, quotes, the quotes including fields to indicate whether the quote is to bid or offer a security, a first size value that indicates a displayable, attributable size amount of the quote and a second size value that indicates an additional quote size that is displayable on displays of client systems, as trading interest in a security, but not attributable to any market participant.

2. (Currently Amended) The method of claim 1 further comprises:  
calculating by the server computer system, a total size of quotes at a particular price level, by:  
determining a total displayable, non-attributable size of the quotes received from client systems displayable quotes; and  
sending a message to ~~render~~ cause user interfaces to be rendered on displays of client systems, with the portion of the received quotes having the first size value as attributable size amounts displayed as ~~[[of the]]~~ quotes attributable ~~of corresponding ones~~ of the market participants.

3. (Previously Presented) The method of claim 1 further comprises:  
receiving, by the server computer system, quotes from client systems that are reserve quotes, which are neither displayable quotes nor attributable to market participants, but are available as trading liquidity in the security.

4. (Previously Presented) The method of claim 2 further comprising:

sending by the server computer system, a message to display the total displayable, non-attributable quote sizes as displayable quotes without displaying identifications of the market participants from which the non-attributable quote sizes were received.

5. (Previously Presented) The method of claim 4 wherein calculating total quote size comprises:

determining, by the server computer system, the total quote sizes by adding the first and second size values for the received quotes at each of a plurality of corresponding price levels to provide the total displayable quote sizes for each of the corresponding price levels;

causing displays of client systems to render in a user interface the total of displayable quote sizes in a first region of as separate entries for both bid and offer for each of a plurality of different price levels provided in a quote montage.

6. (Previously Presented) The method of claim 4 wherein determining total aggregate quote size for quotes received for the security, comprises:

adding, by the server computer system, liked-priced quotes of the displayable and additional aggregate quote type together to provide a total aggregate quote.

7. (Previously Presented) The method of claim 5 further comprising;

causing displays of client systems, to render the attributable quotes as individual lines in a current quote window with market participant identifiers adjacent the quotes to attribute the quotes; and

causing the displays of client systems to render the displayable, non-attributable size of the quotes as single entry for each of the price levels.

8. (Previously Presented) The method of claim 2 further comprising:

determining, by the server computer system, if the additional aggregate quotes and displayable quotes are proprietary or agency quotes;

determining, by the server computer system, a total of all agency quotes and proprietary quotes; and

causing displays of client systems to render a total of all agency quotes and to render in a separate area of a montage a total of all displayable quotes as the total of agency quotes and proprietary quotes.

9. (Previously Presented) The method of claim 1 further comprising:

determining, by the server computer system, if the quote only has a displayable attributable or displayable non-attributable quote size;

adding, by the server computer system, the size of quote to corresponding sizes of other quotes at corresponding price levels;

causing displays of client systems to render in a first portion of a quote montage, the quote, if the quote is displayable, and attributable, and in a different portion of the montage a total displayable quote size.

10. (Previously Presented) The method of claim 1 further comprising;

receiving, by the server computer system, a reserve quote.

11. (Previously Presented) The method of claim 2 further comprising:

receiving, by the server computer system, an order produced when a user selects in the user interface one of the received quotes with the first size value; and

executing, by the server computer system, the order against a quote stored in the server computer system with the order executed against the quote.

12. (Previously Presented) The method of claim 5 wherein executing further comprises:

receiving, by the server computer system, an order produced when a user selects in one of the user interfaces one of the separate entries at one of the price levels; and

executing, by the server computer system, the order against quotes corresponding to the one of the separate entries in the user interface.

13. (Previously Presented) An electronic market for trading of securities, the market comprising:

a plurality of client systems for entering quotes the quotes including fields to indicate whether the quote is to bid or offer a security, a first size value that indicates a displayable, attributable size amount of the quote and a second size value, with the first size values of quotes being quotes that are displayable and attributable to a specific market participant, and the second size values being quotes that are displayable but not attributable to a specific market participant; and

a server computer system configured to:  
receive the quotes from the client systems,  
calculate a size of first quote sizes of the received quotes; and  
cause totals of the first and second size values of the quotes to be displayed on the client system as values in corresponding ones of a plurality of price levels; and

cause quotes having a first size value to be displayed on displays of the client systems as individual quotes with the first size value for each quote with a market participant identifier on the client systems.

14. (Previously Presented) The electronic market of claim 13 wherein at client systems quotes further comprise a reserve quote size that are reserve quotes that are neither displayable nor attributable to a specific market participant.

15. (Previously Presented) The electronic market of claim 13 wherein the user interface includes a montage for displaying the second size values of quotes at multiple price levels on either side of the market.

16. (Previously Presented) The electronic market of claim 13 wherein the totals of the first and second size values for quotes are displayed on the displays in a graphical user interface comprising fields for proprietary interest and agency interest according to the type of quote.

17. (Previously Presented) The electronic market of claim 13 wherein the server causes the displays to render a graphical user interface that includes a current quote montage disposed adjacent to a montage to display second size values.

18. (Previously Presented) A client system for entering quotes for securities, the client station comprising:

a display rendering a graphical user interface at which quotes can be entered at a price level, said graphical user interface comprising fields to enter a quote having a first size value that indicates a displayable, attributable size amount of the quote displayable and attributable to a specific market participant, and a second field for entering a second size value that indicates an additional quote size that is displayable but not attributable to a specific market participant.

19. (Previously Presented) The system of claim 18 wherein the graphical user interface comprises a third field for entering a third size value that indicates a reserve quote being neither displayable nor attributable to a specific market participant.

20. (Currently Amended) A computer program product for rendering a graphical user interface for an electronic market for trading products, the computer program product tangible embodied on a computer readable storage device ~~medium~~, comprising instructions for causing a processor to:

render the graphical user interface having a first portion that displays size values of additional quotes for a plurality of price levels of a product traded in the market, the additional quotes including size values of quotes that are attributable to market participants and size values of quotes that are displayable quotes but are not attributable to any market participants.

21. (Previously Presented) The computer program product of claim 20 further comprising instructions to:

render a current quote portion disposed adjacent the first portion of the graphical user interface.

22. (Previously Presented) The computer program product of claim 21 wherein computer program product further comprises instructions to:

cause the current quote window to display displayable quotes of participants in the system.

23. (Previously Presented) The computer program product of claim 21 further comprising instructions to:

render the graphical user interface with the current quote window listing the displayable, attributable quotes ordered according to price as a list of bid quotes and a separate list of offer quotes disposed adjacent the first portion of the graphical user interface.

Claims 24-41 are canceled.

42. (New) A computer program product tangibly embodied on a computer readable storage device, the computer program product for managing quotes in an electronic market that trades securities, the computer program product comprising instructions for causing a computer to:

receive quotes for a security, the quotes including fields for an indication of the quote as a bid or ask, a price and a first size value that is a displayable, attributable size amount attributable to a particular market participant and a second size value that is a displayable, non-attributable size amount;

calculate total size values of received quotes at price levels specified by the prices in the quotes to provide total size values; and

generate a user interface to render total size values representing a total of the number of displayable shares represented by the received quotes for at least some of the plurality of price levels.

43. (New) The computer program product of claim 42 wherein instructions to receive quotes further comprises instructions to:

cause the graphical user interface to render the attributable quotes with an market participant identifier attribute.

44. (New) The computer program product of claim 42 wherein instructions to receive quotes further comprises instructions to:

receive quotes that are reserve quotes, the reserve quotes being quotes that are available for trading in the security;

cause the reserve quotes to be neither attributable to market participants nor displayable.

45. (New) The computer program product of claim 43 further comprises instructions to:  
cause the graphical user interface to render the total size values for a plurality of price levels as separate entries for each of bid and ask quotes.

46. (New) The computer program product of claim 43 further comprises instructions to:

cause the graphical user interface to render displayable quotes with attribution to a particular market participant associated with the quote as quotes entries in a separate portion of the graphical user interface.

47. (New) The computer program product of claim 43 wherein instructions to calculate further comprise instructions to:

determine if the quote is subject to automatic execution prior to adding size values of the quote; and

cause the instructions to add to include only size values of quotes that are subject to automatic execution as displayable.

48. (New) The computer program product of claim 43 wherein instructions to receive quotes further comprises instructions to:

determine if the quotes are proprietary or agency quotes;

determine a total size of all displayable agency quotes and proprietary quotes ; and

cause the graphical user interface to render the total size of all displayable agency quotes in a separate set of fields in the graphical user interface; and

cause the total size values of the received quotes to include the total size values of all agency quotes and proprietary quotes.

49. (New) The computer program product of claim 43 wherein instructions to receive quotes further comprise instructions to:

receive an order; and

execute the order against a quote that is a currently marketable quote according to an execution priority that gives priority to execution to attributable quotes over non-attributable quotes that are at the same price.



50. (New) The computer program product of claim 49 further comprising instructions to:

receive the quote having a third size value that indicates the third size value of the quote that is a reserve size value;

determine if there is a balance to the order; and if so,

execute the balance of the order against reserve size value of the quotes.

51. (New) A computer program product tangibly stored on a computer readable storage device for managing quotes in an electronic market for trading financial security products, the computer program product comprising instruction for causing a computer to:

receive from client systems of market participants, quotes, the quotes including fields to indicate whether the quote is to bid or offer a security, a first size value that indicates a displayable, attributable size amount of the quote and a second size value that indicates an additional quote size that is displayable on displays of client systems, as trading interest in a security, but not attributable to any market participant;

calculate total sizes values of quotes at price levels; and

cause a user interface to be rendered on display devices, the user interface including a first plurality of indicators that display as a numeric quantity total size values of attributable and non-attributable quotes of market participants at each of a plurality of price levels based on the calculated total size values, and a second, separate set of indicators that displays attributable quotes.

52. (New) The computer program product of claim 51 further comprising instructions to generate the first and second set of indicators as controls, which when selected by a user causes an execution of the quote and whose size value is represented as either the attributable or the non-attributable size values rendered in the control.

53. (New) The computer program product of claim 51 further comprising instructions to generate a quote montage window adjacent the first plurality of indicators, the quote montage to display the attributable quotes.

54. (New) The computer program product of claim 51 wherein the indicators are for three price levels for each side of the market, with a first one of the indicators being at price levels corresponding to the inside quotes and the others being next best price levels in the system.

55. (New) The computer program product of claim 51 wherein the indicators display quantities of quotes in the market at the price levels and the values of the size values in the indicators are dynamically updated.

56. (New) The computer program product of claim 51 further comprising instructions to generate a quote montage window adjacent the first plurality of indicators, the quote montage to display the attributable quotes by market participant identifier.

57. (New) The computer program product of claim 56 wherein the quote montage window that displays the attributable quotes, renders a market participant identifier, a price, and a size value.